**RAHUL U**

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**CAREER OBJECTIVE**

To obtain a challenging job in the field of chemical engineering where I can continue to learn, keep up with the improvements in technologies and enhance my professional skills.

**EXPERIENCE**

**Organization:Kitexgarments.Ltd**

Designation: Production Engineer

Duration: Nov 2016-

Our final product is export quality sterile kids wear.

Works in the processing quality lab monitoring and ensuring the quality of the final product.

Laboratory is accredited to NABL as per standars ISO:IEC 17025: 2005

**Organization: GAIL India Ltd. Vijaipur**

Designation: Engineer on Contract (Utilities)

Duration: Dec 2015–Aug 2016

Plant comprises of following units

* Cooling Tower (28000M3/hr)
* Raw Water Treatment Plant
* Demineralization Plant
* Instrument Air and Process Air plant
* Inert Gas Plant

**Organization: Hindustan Organic Chemicals Ltd.**

Designation: Graduate Engineer Trainee (Production)

Duration: Oct 2014- Oct 2015

Familiarized and worked in the following units of the plant

* **Propylene Recovery Unit**(PRU)

Separation of lean propylene (75%) from cracked LPG.

* **Cumene Unit**

The production of cumene using benzene, propane and propylene.

* **Cumox or Synthesis section**

The oxidation of cumene to CHP and further treatments to obtain phenol and acetone.

* **Fractionation Unit**

Separation of phenol and acetone from the final product mixture.

* **Effluent treatment plant**
* **Hydrogen Peroxide Unit**

The production of hydrogen peroxide by *Auto Oxidation Process*

* Knowledge regarding industrial safety and about storage and handling of hazardous chemicals and LPG.
* Familiarized with working and operation of chemical process equipments such as distillation columns, heat exchangers, fired heaters, reactors, etc.
* Experience in startup and shutdown procedures of the process plant.
* Knowledge regarding DCS control panel
  + - Honeywell TDC 3000
    - Yokogawa Centum CS3000

**ACADEMIC CREDENTIALS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Year of Passing** | **Board/University** | **Institution** | **Percentage of Marks/ CGPA** |
| **B.Tech**  (Chemical Engineering) | 2014 | University of Calicut | Government Engineering College,Calicut-5 | 7.83 |
| Plus Two | 2010 | CBSE | JawaharNavodayaVidyalayaMalampuzha, Palakkad,Kerala | 82.4 |
| 10th | 2008 | CBSE | JawaharNavodayaVidyalayaMalampuzha, Palakkad,Kerala | 87.8 |

**PROJECT WORK**

* **Design of Propylene-Propane splitter**.

The project was carried out in *BPCL- Kochi Refinery Limited*. Projectcomposed of detailed plant study on Propylene Recovery Unit. It includes mechanical and process design of distillation column and reboileralong with the economic analysis of the unit.

**SEMINAR**

* **Extreme event Analysis and climate impact Assessment**

Extreme climatic events, that is, those events with magnitudes outside the normal spectrum, may pose severe and unexpected stresses upon the society.

This seminar deals with the classification, analysis and assessments of those events

**PAPER PRESENTATONS**

Presented a paper entitled “**Characterization of nano-capsules, nano-emulsion and nano-sphere suspensions containing melatonin”**in CHEMCON 2013 held at ICT Mumbai.

**INDUSTRIAL VISIT/ TRAINING**

* Completed 7 days In-plant training at **Travancore Cochin Chemicals Ltd**, Kochi.
* A detailed study on the operation and working of **BPCL-Kochi Refinery** Limited is carried out for a period of 2 weeks.
* Attended 1 day training at INFOSYS Bangalore on “Project Management” under SPARKS.

**EXRA CURRICULAR ACTIVITIES**

* Executive member of Career Guidance and Placement Cell.
* Executive member of Association forChemical Engineering Students.
* Participated in the Calicut University A-zone chess championship.

**PERSONAL PROFILE**

Age& Date of Birth : 26 years, 02-05-1993

Father’s Name : Radhakrishnan U

Sex : Male

Blood Group : O -ve